



- NOTES:
- 1. THIS IS A ULTRA-HIGH VACUUM COMPONENT (UHV).
 - 2. WHEN MACHINING VACUUM PARTS, USE OF SILICONE AND SULPHUR-BASED CUTTING FLUIDS IS PROHIBITED. USE ONE OF THE FOLLOWING:
A) CIMCOOL 5 STAR 49
B) TRIM SOL
 - 3. THIS COMPONENT NEEDS TO GO THROUGH A MULTIPLE STEP CLEANING PROCESS INVOLVING DEGREASING, WASHING, AND DRY NITROGEN BLOWDOWN.
 - 4. KEEP THE PART CLEAN AND WRAP FOR UHV PACKING WITH ALUMINUM FOIL.
 - 5. TOLERANCE SPECIFICATIONS TO CONFORM TO TOLERANCE BLOCK.
 - 6. ALL DIMENSIONS IN [] ARE MILLIMETERS AND ARE FOR REFERENCE ONLY.

01	.57 DIM. WAS .50	RK	JC	1/29/96
01	Ø155 DIM. WAS Ø168	RK	JC	1/29/96
SYM	CHANGE DESCRIPTION	BY	CHKD	DATE
REVISIONS				

ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION				MATERIAL / SPEC	QTY
PARTS LIST							
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES DECIMALS ANGLES X .03 [.76] .25 XX .01 [.25] XXX .006 [.127]		LOG NUMBER A1731901		THIS DRAWING IS THE PROPERTY OF ARGONNE NATIONAL LABORATORY			
SURFACE ROUGHNESS 63 ✓ REMOVE ALL BURRS AND BROKE SHARP EDGES AND ROUNDS SURFACE TEXTURE TO BE IN ACCORDANCE WITH LATEST ANSI B46.1 POLISHING & POLISHING TO BE IN ACCORDANCE WITH LATEST ANSI B72.1		DRAWN BY R.KRAKORA	DATE 2/94	CHECK DESIGN ENGINEER D.SHU	DATE 5/17/94	TITLE ADVANCED PHOTON SOURCE B7 ID BEAM MIS-STEERING SAFETY MONITOR SHOULDER SCREW	
		CHECKED BY J.CHANG	DATE 5/16/94	OP LEADER T.M.KUZAY	DATE 5/18/94		
		DESIGNER R.KRAKORA	DATE 2/94	PROJECT MGR			
		RESPONSIBLE ENGINEER J.CHANG	DATE 5/16/94	APPROVED/RELEASED			
MATERIAL 304 SST SILVER PLATED				SCALE 4:1 SHEET 1 of 1	SIZE C	DRAWING NUMBER P4105091407-200001-01	